

FIG. 1

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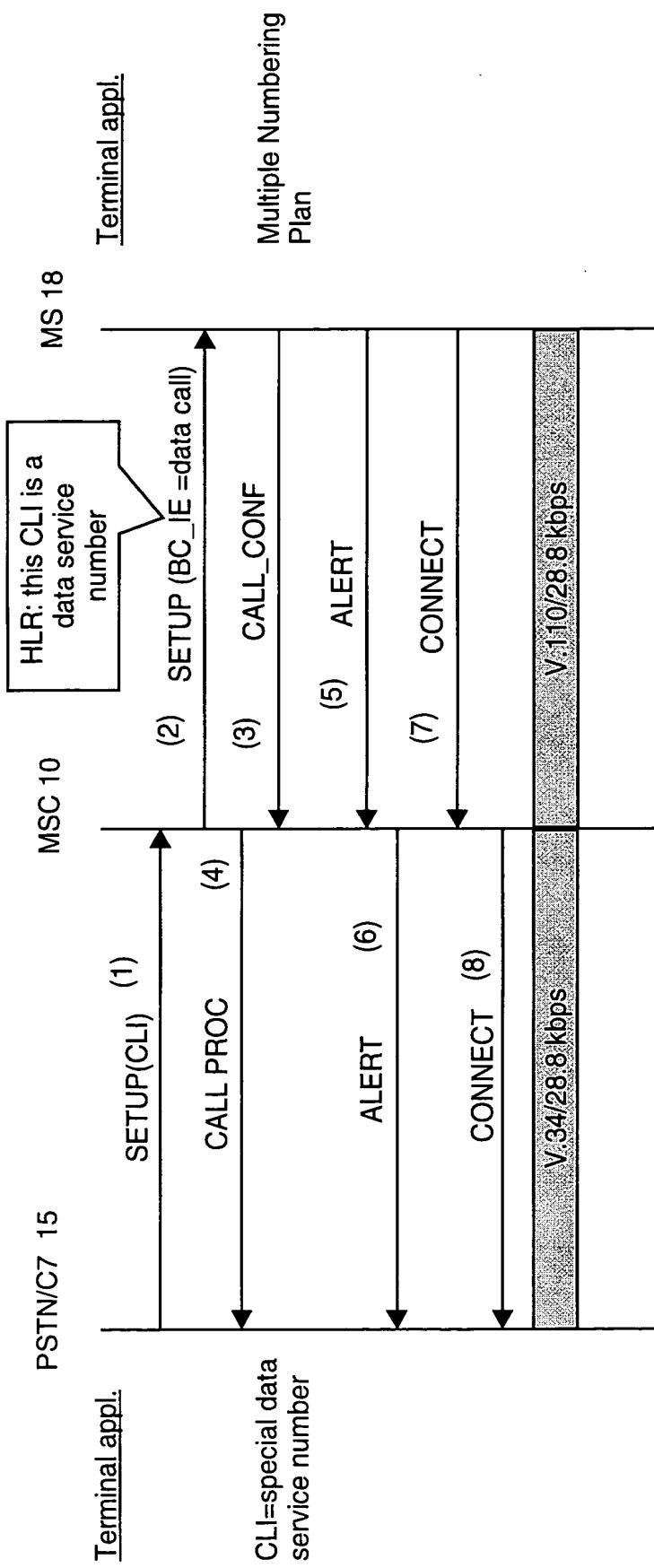


FIGURE 2

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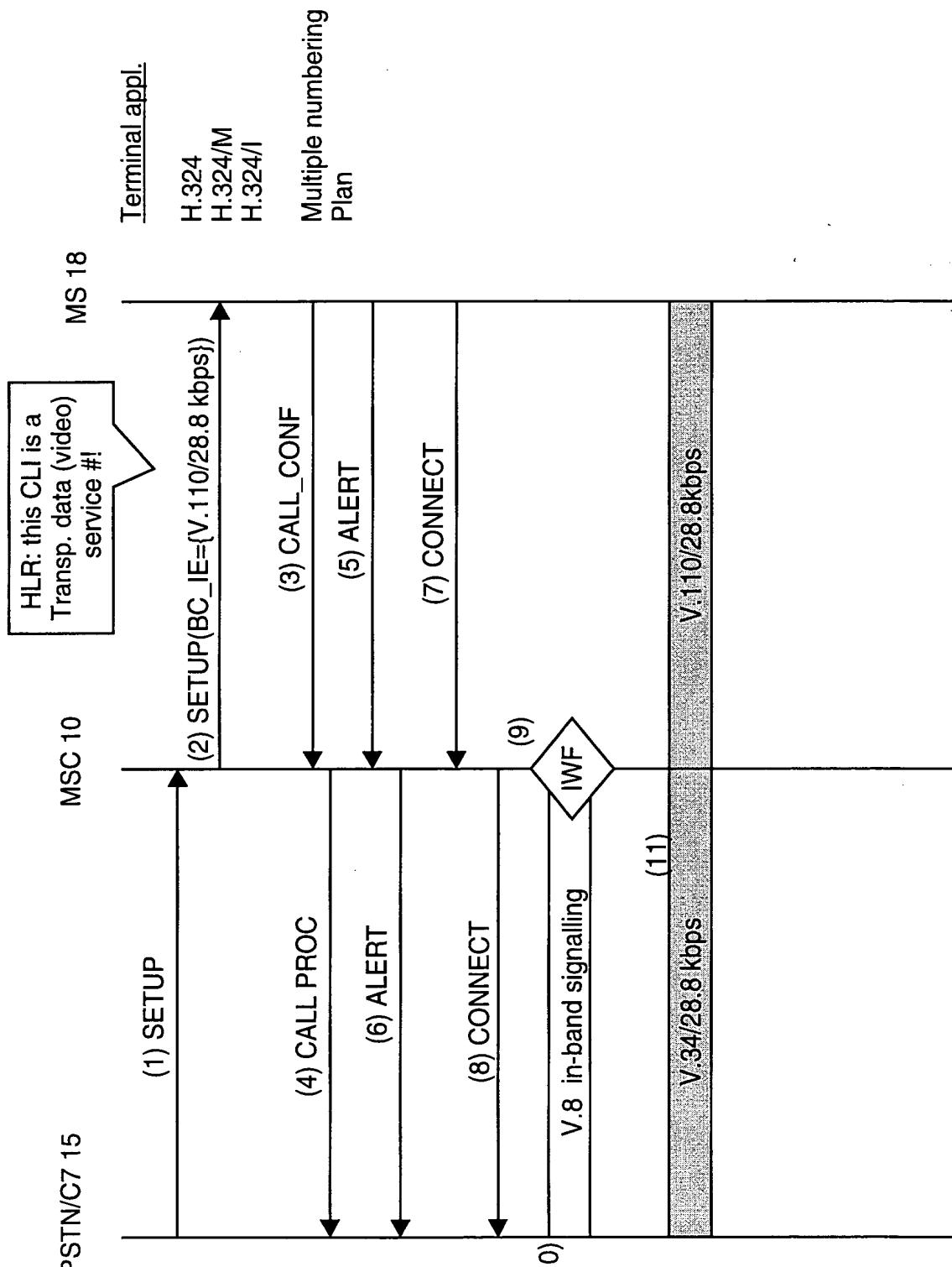


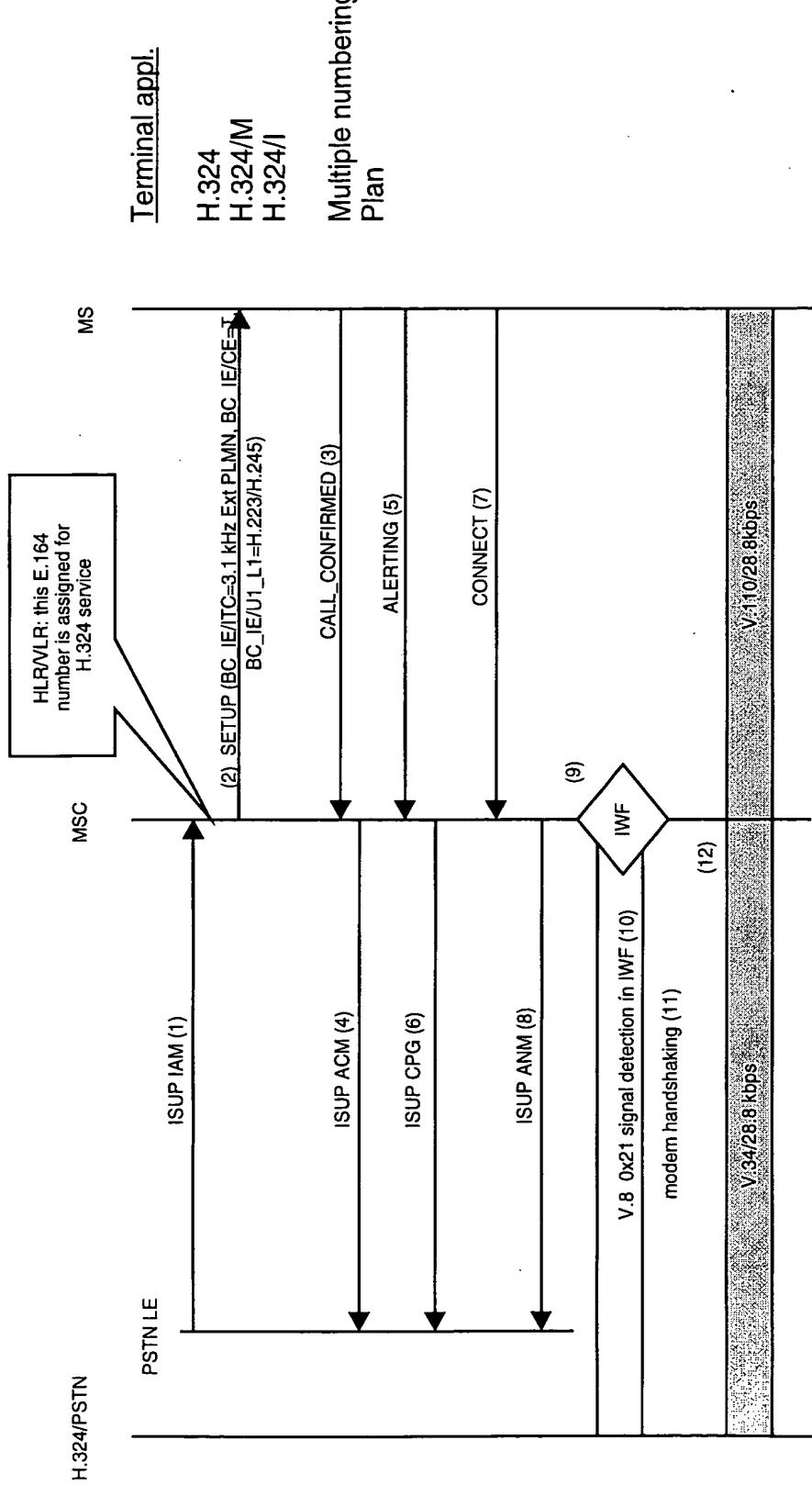
FIGURE 3

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When V.8 CF code
0x21 is received from
PSTN, MSC sure that
originating end supports
H.324 application

FIGURE 4



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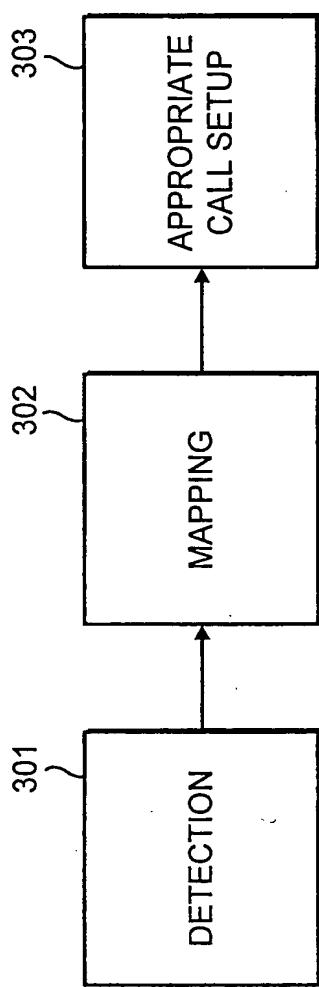


FIG. 5

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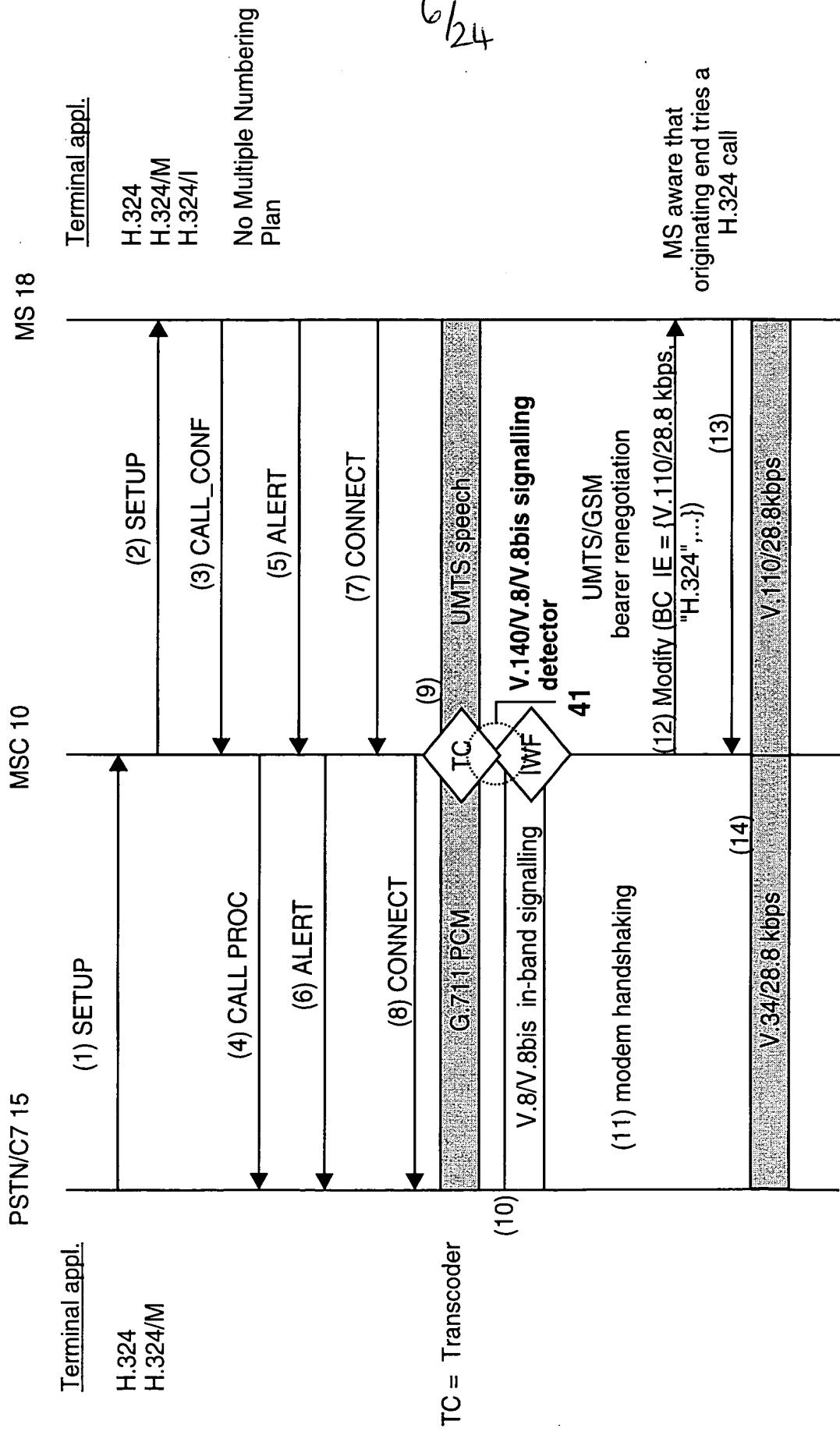


FIGURE 6

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PSTN-MS direct call involvement, single-numbering Scheme

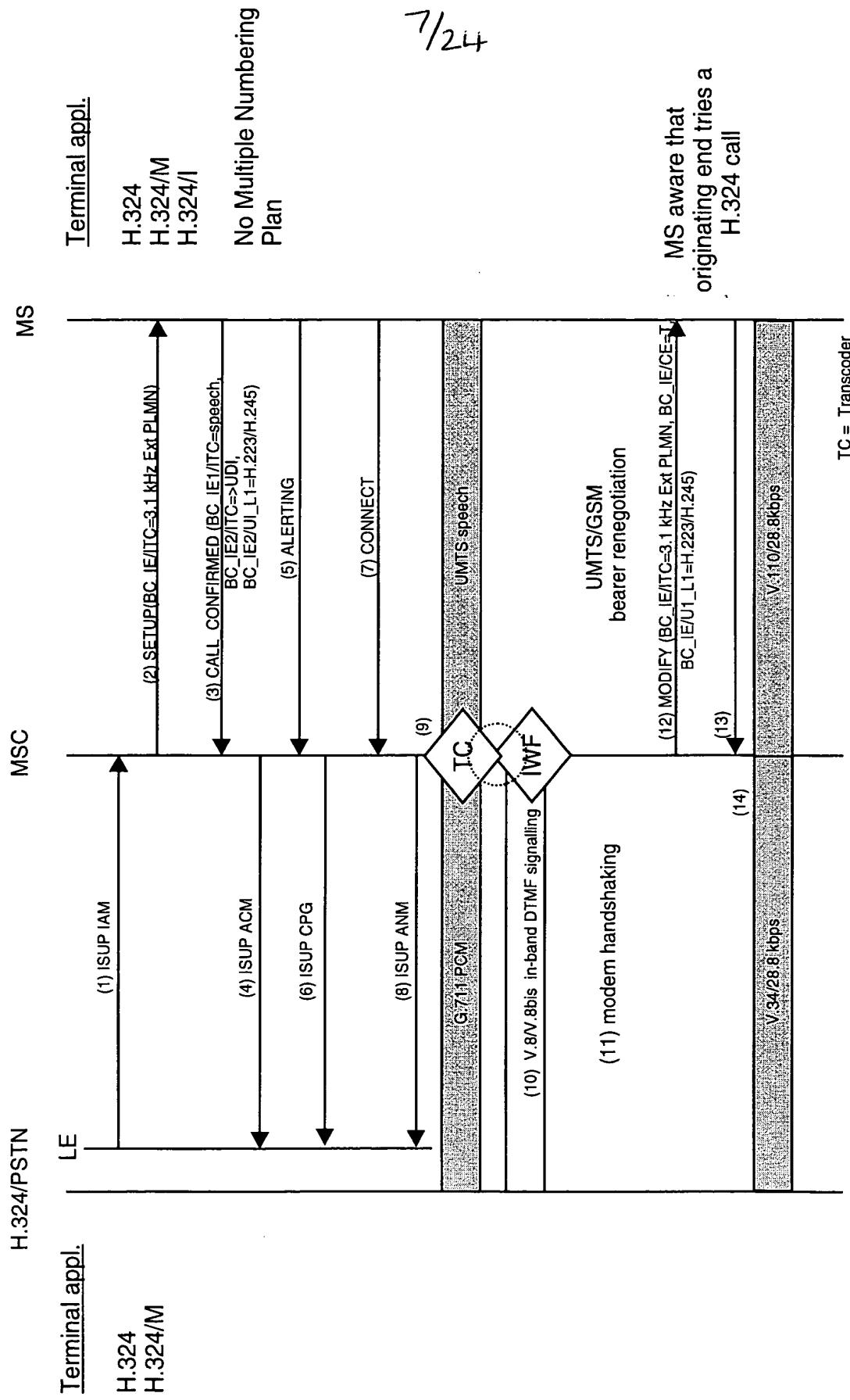
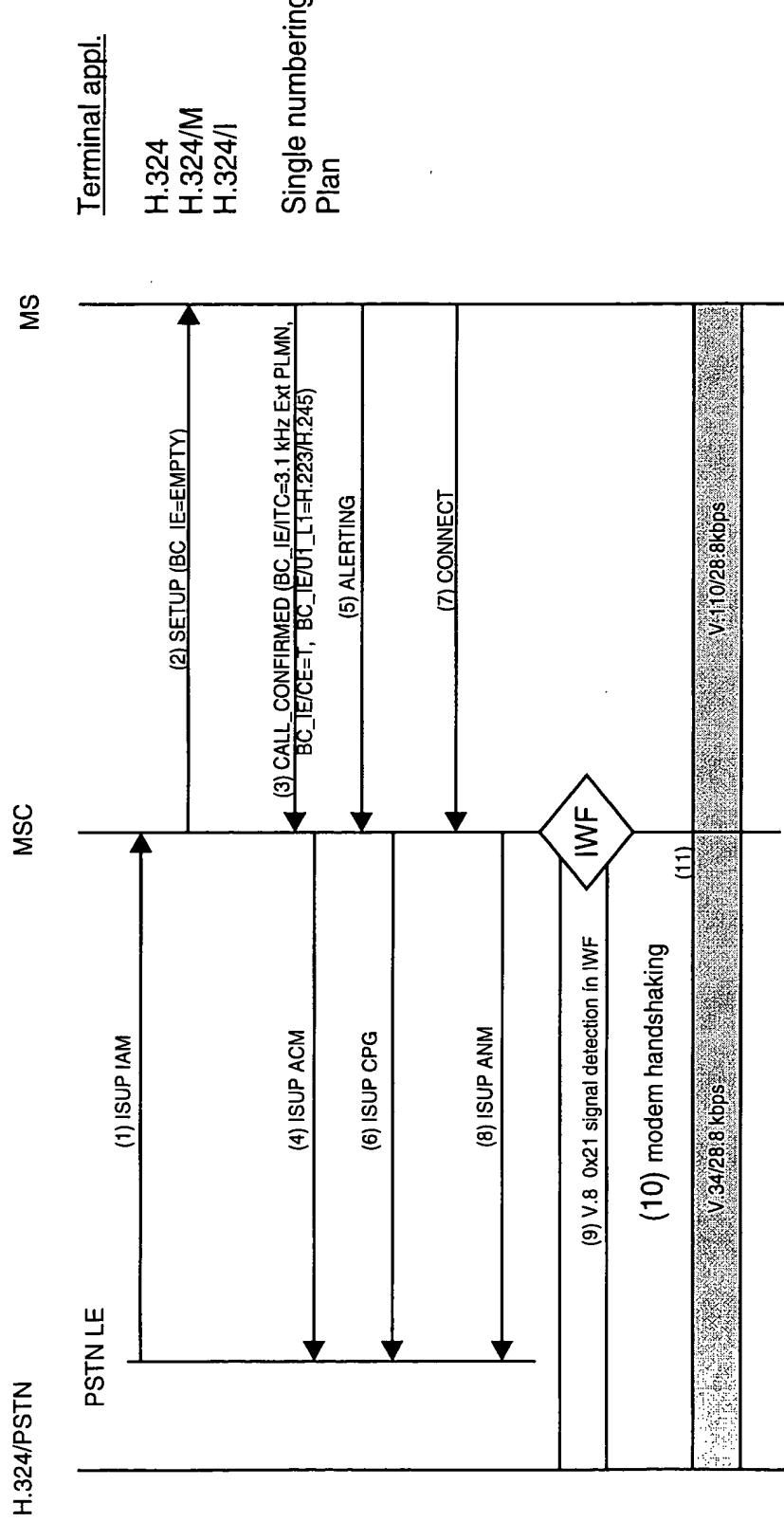


FIGURE 7

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PSTN-MS direct call, single-numbering Scheme



When V.8 CF code 0x21 is received from PSTN, MSC sure that originating end supports H.324 application

FIGURE 8

MS-PSTN Speech First, with Changeover Using V.8bis

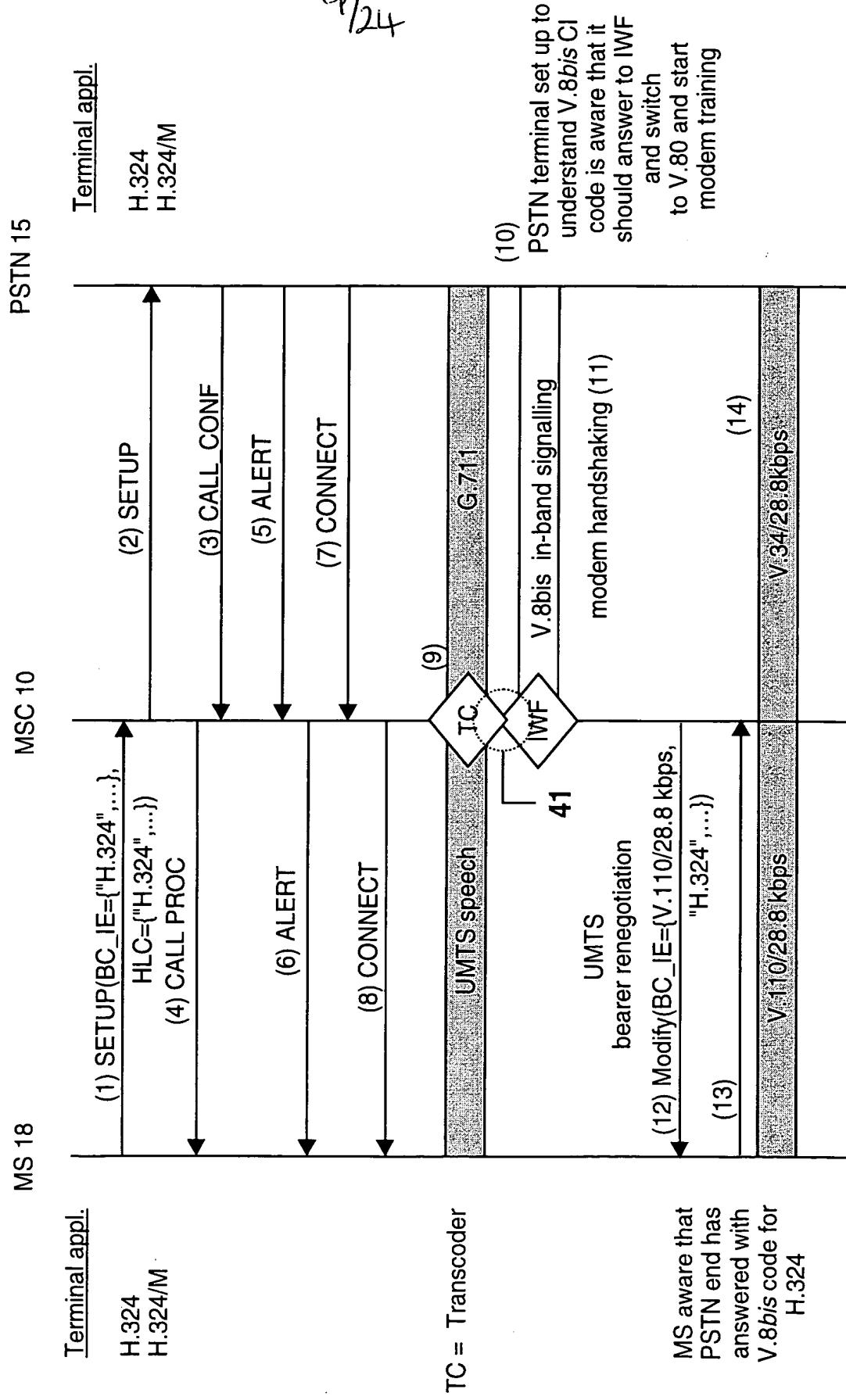
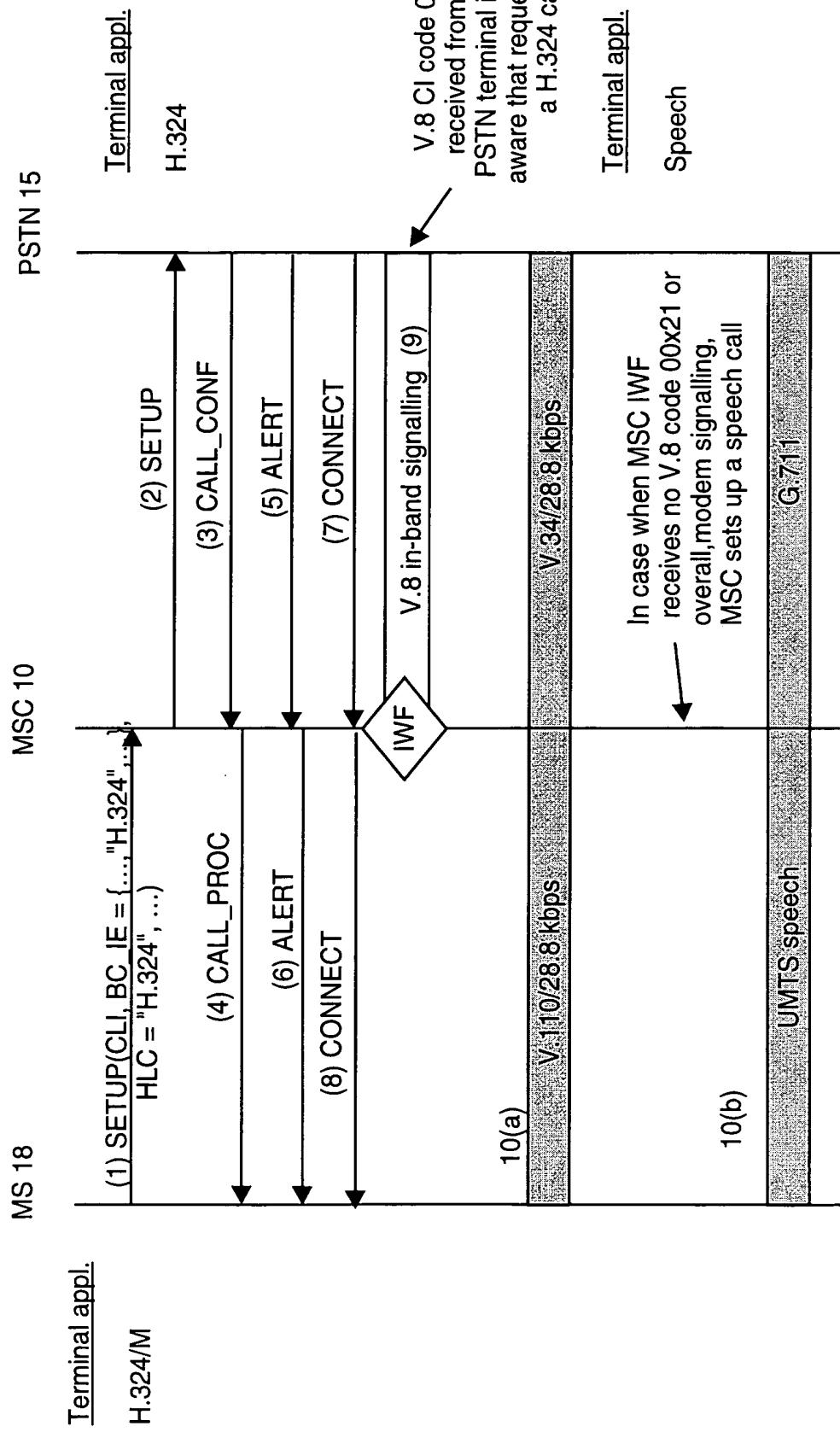


FIGURE 9

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MS - PSTN direct call without V.8bis involvement



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FIGURE 10

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MS - PSTN direct call without V.8bis involvement

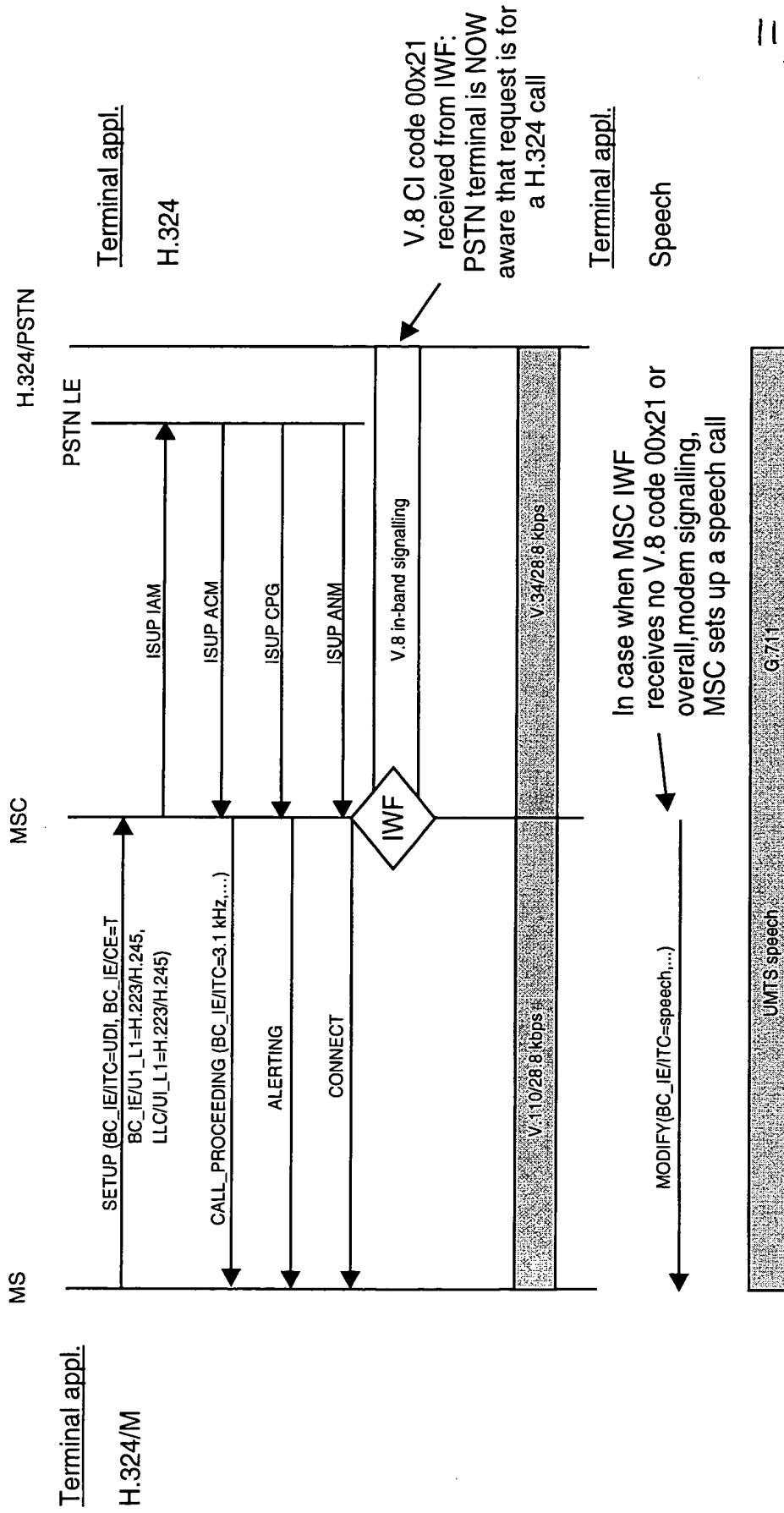
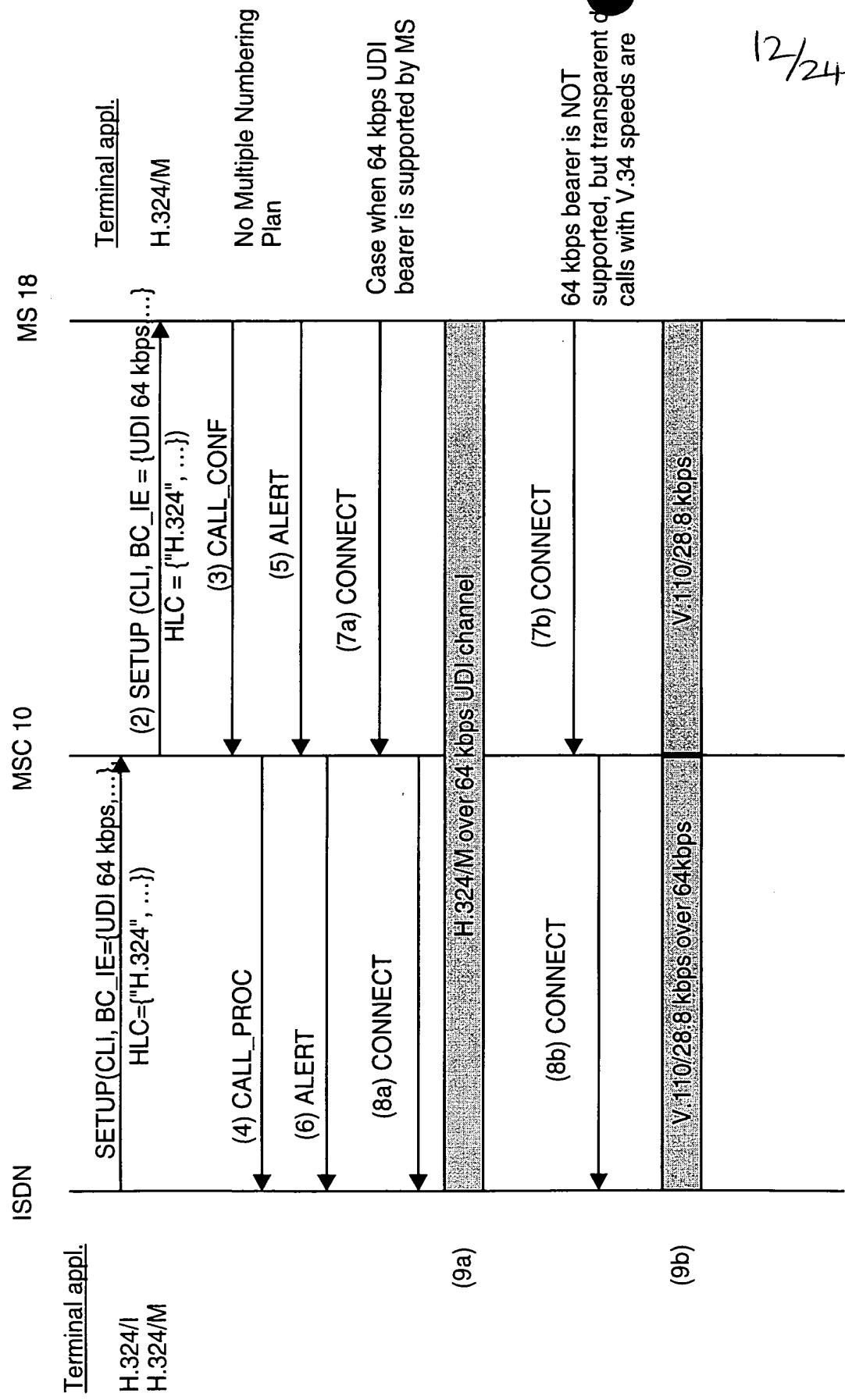


FIGURE 11

ISDN - UMTS



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FIGURE 12

ISDN - UMTS without end-to-end HLC

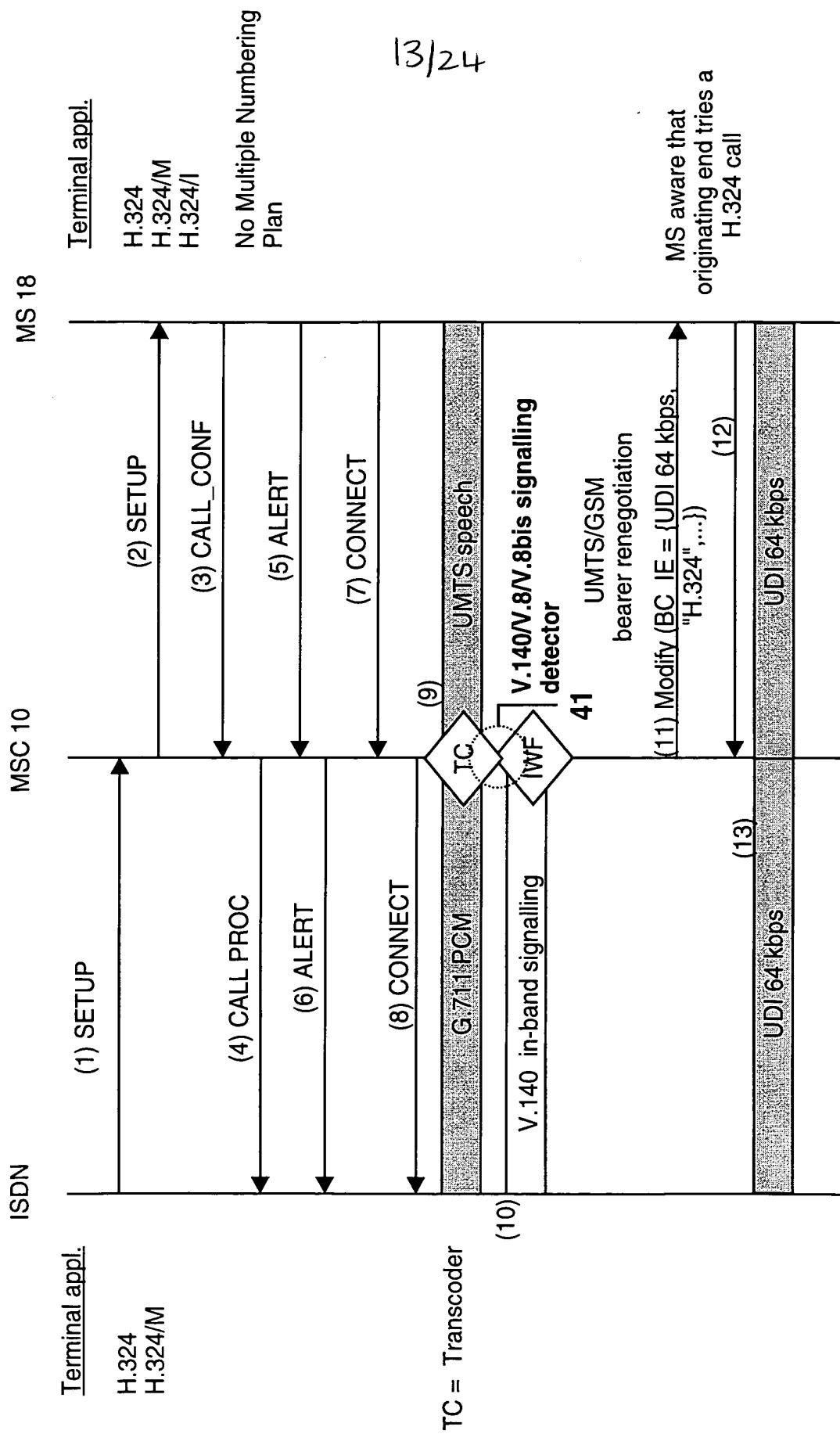


FIGURE 13

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UMTS - ISDN

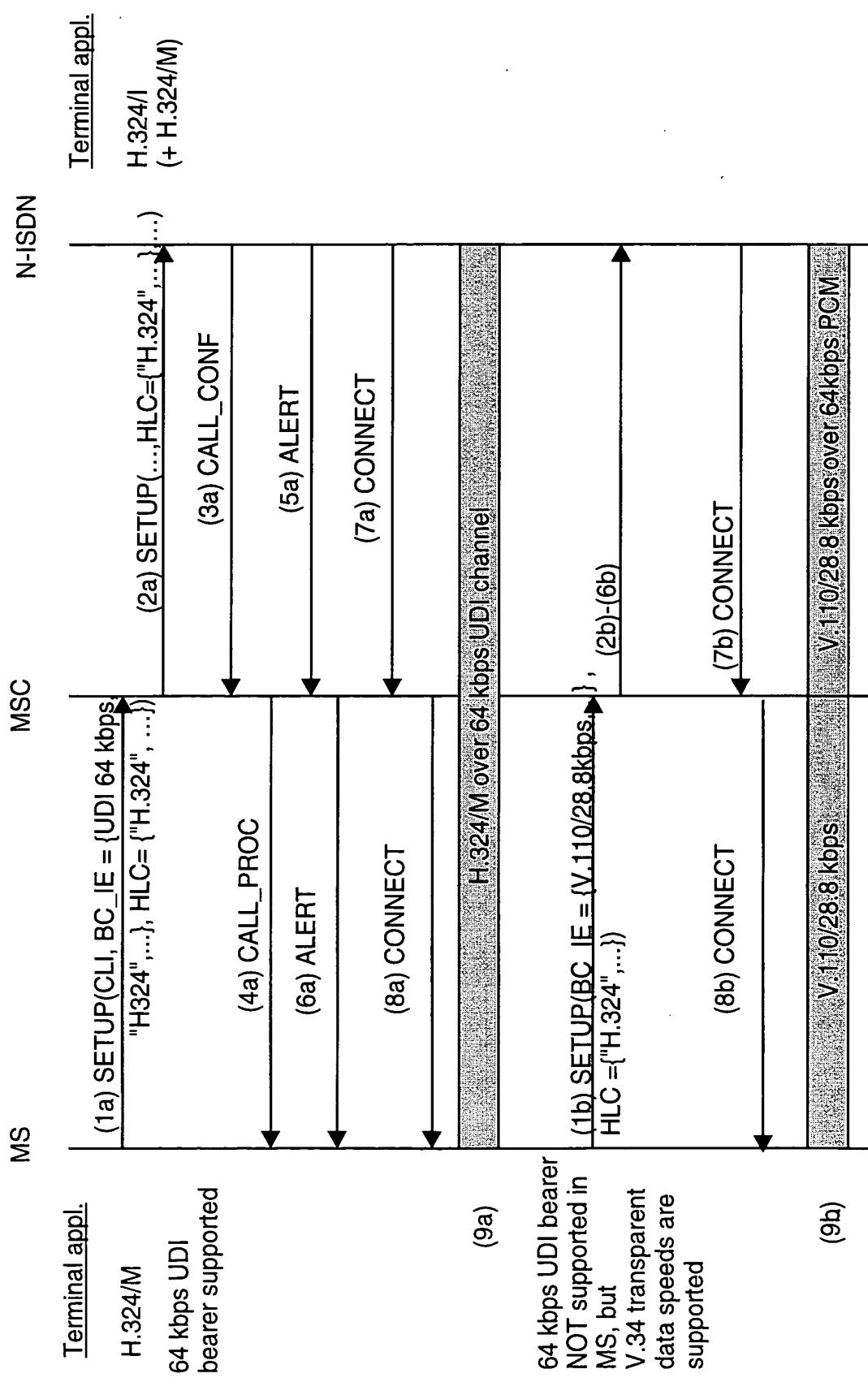


FIGURE 14

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UMTS - ISDN without end-to-end HLC

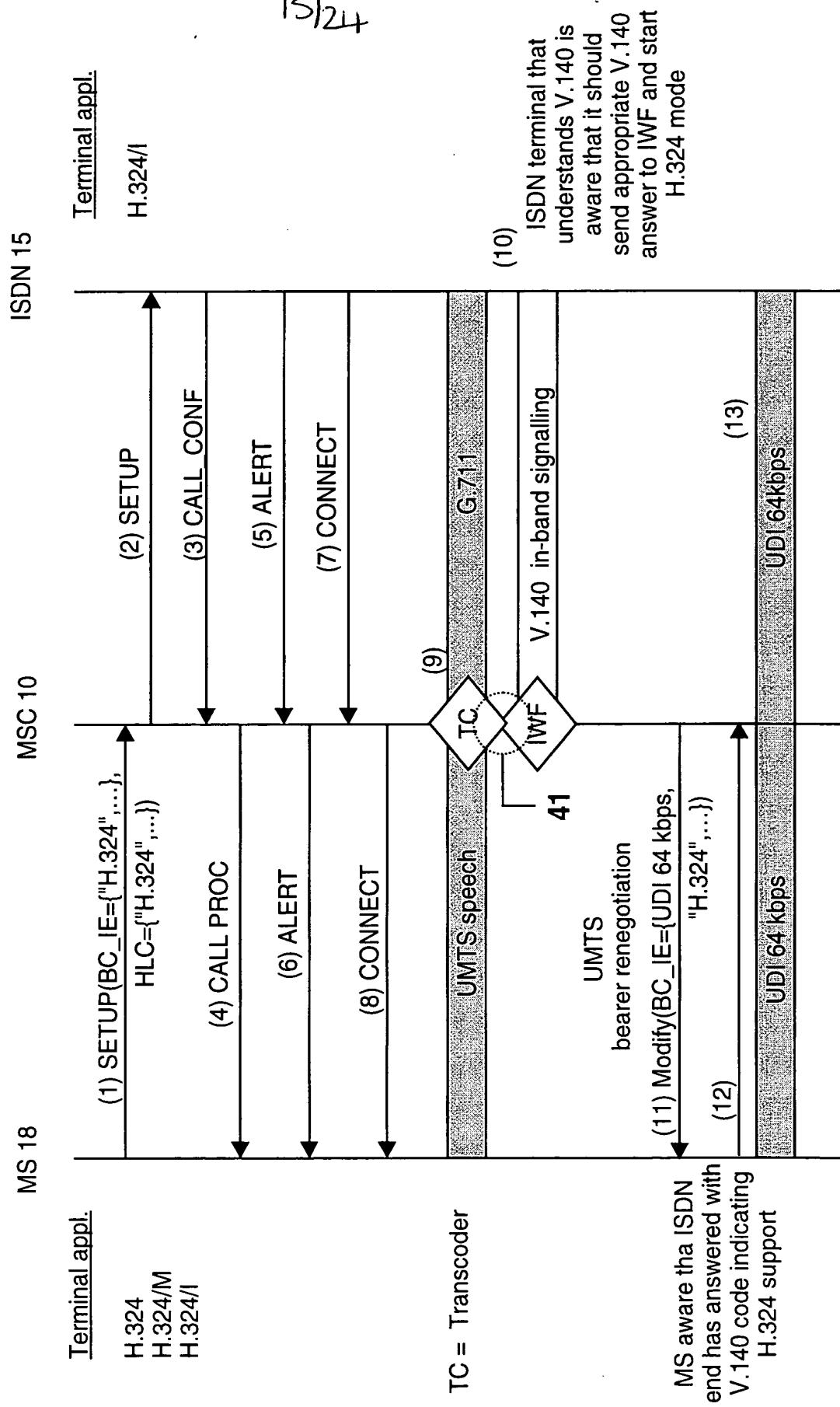
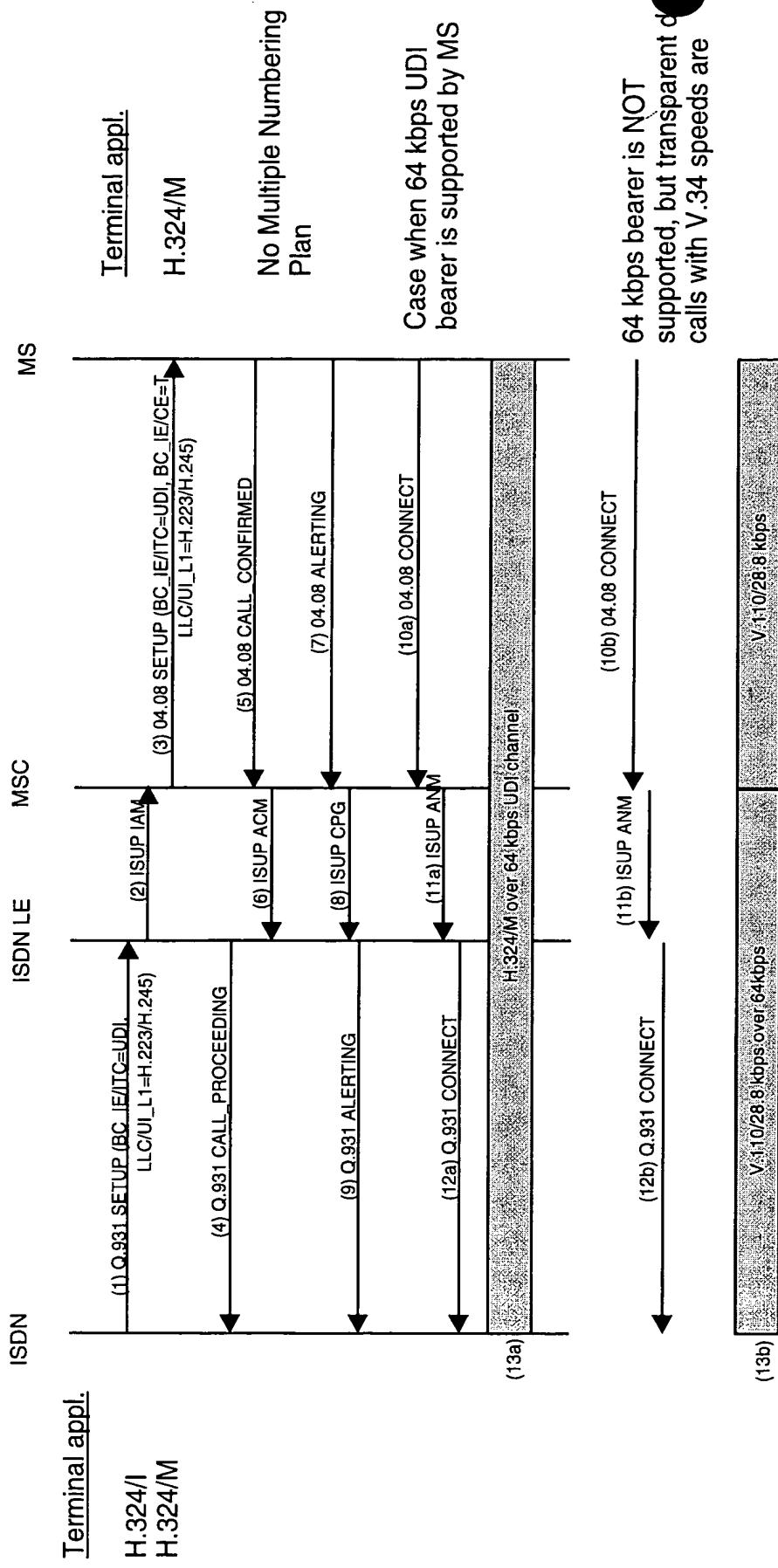


FIGURE 15

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ISDN - UMTS



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FIGURE 16

ISDN - UMTS without end-to-end LLC

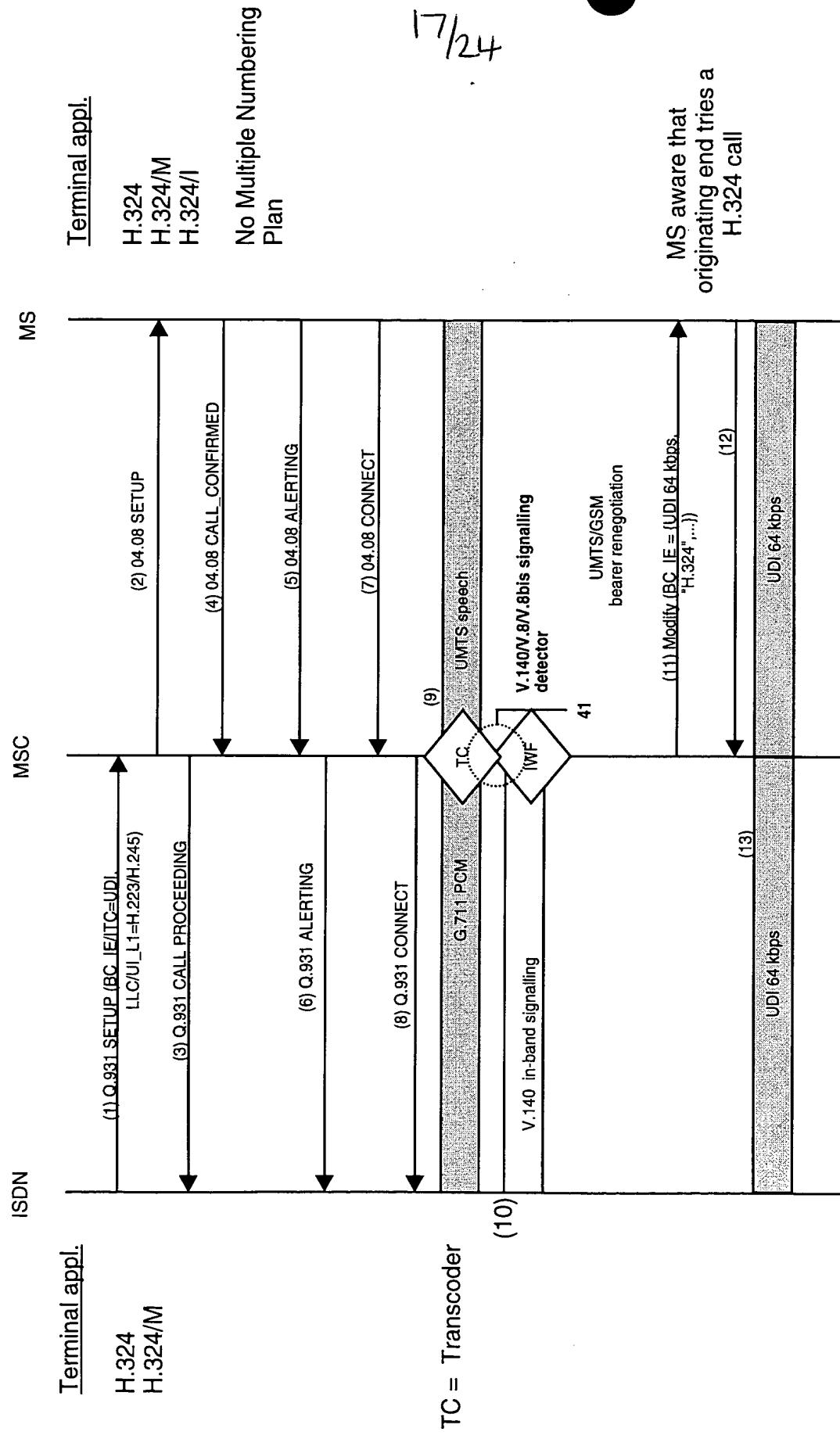


FIGURE 17

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UMTS - ISDN

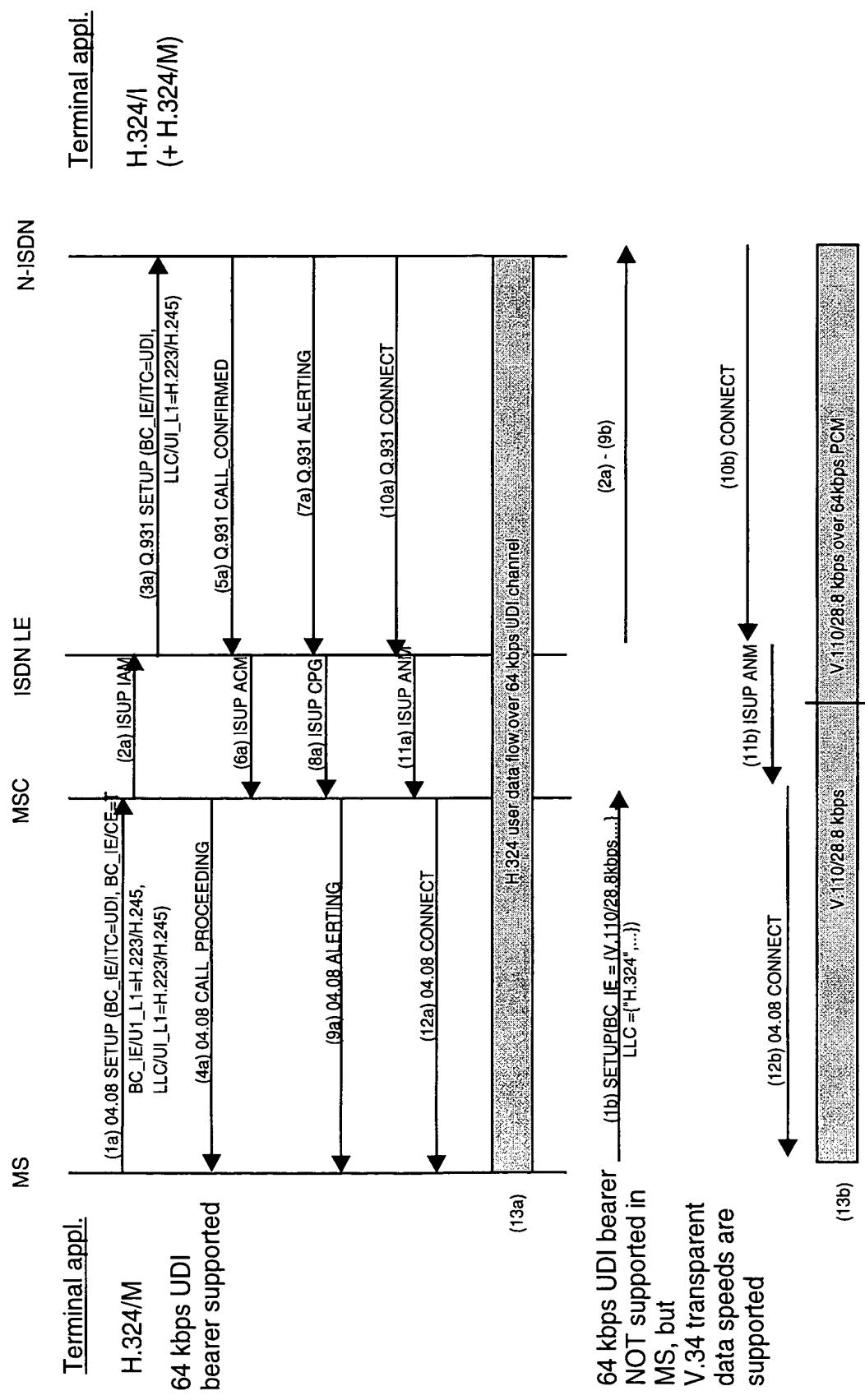


FIGURE 18

UMTS - ISDN without end-to-end LLC

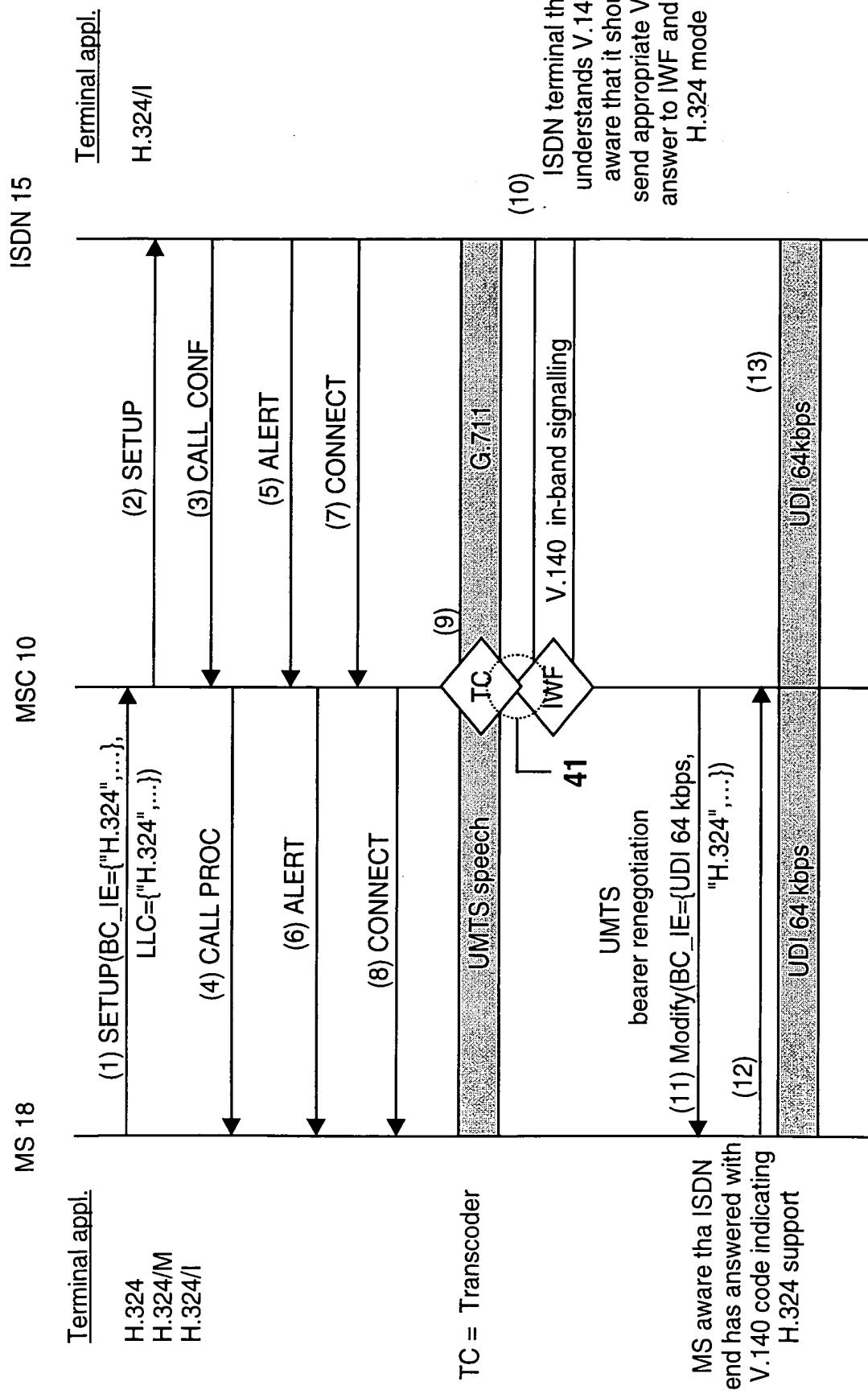


FIGURE 19

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UMTS - UMTS

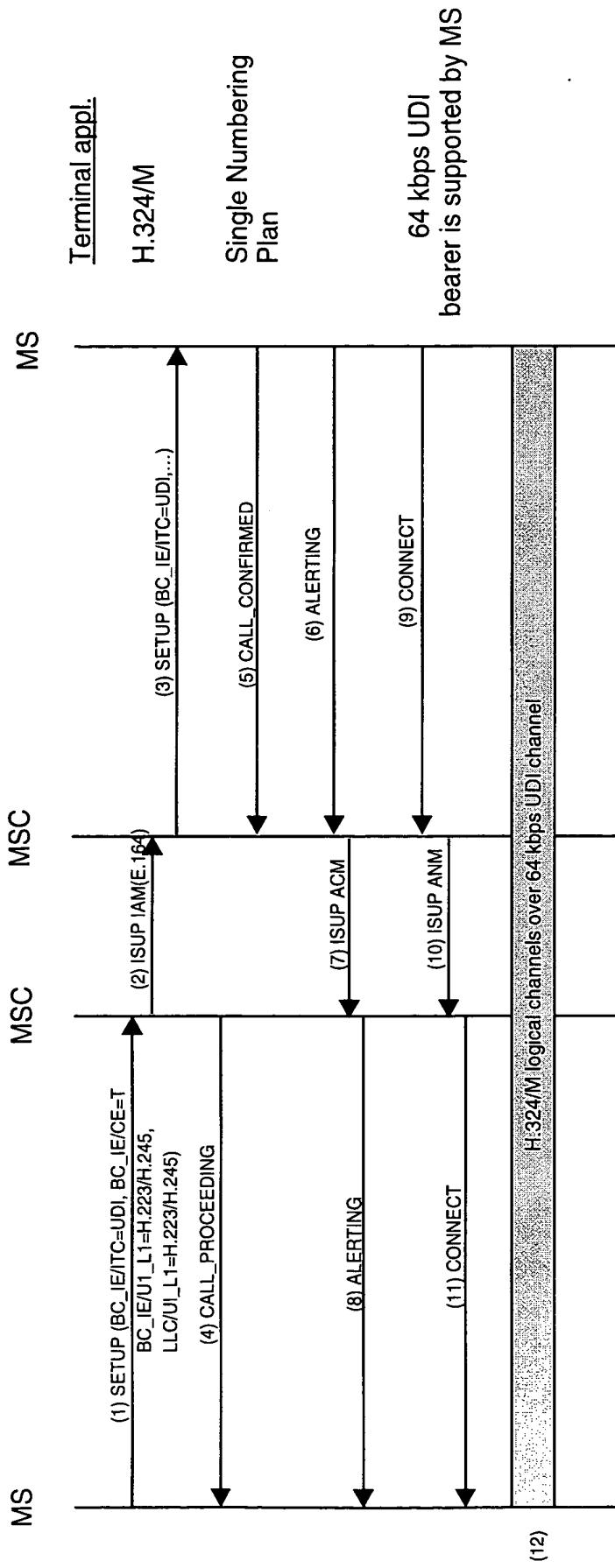


FIGURE 20

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UMTS - 2G

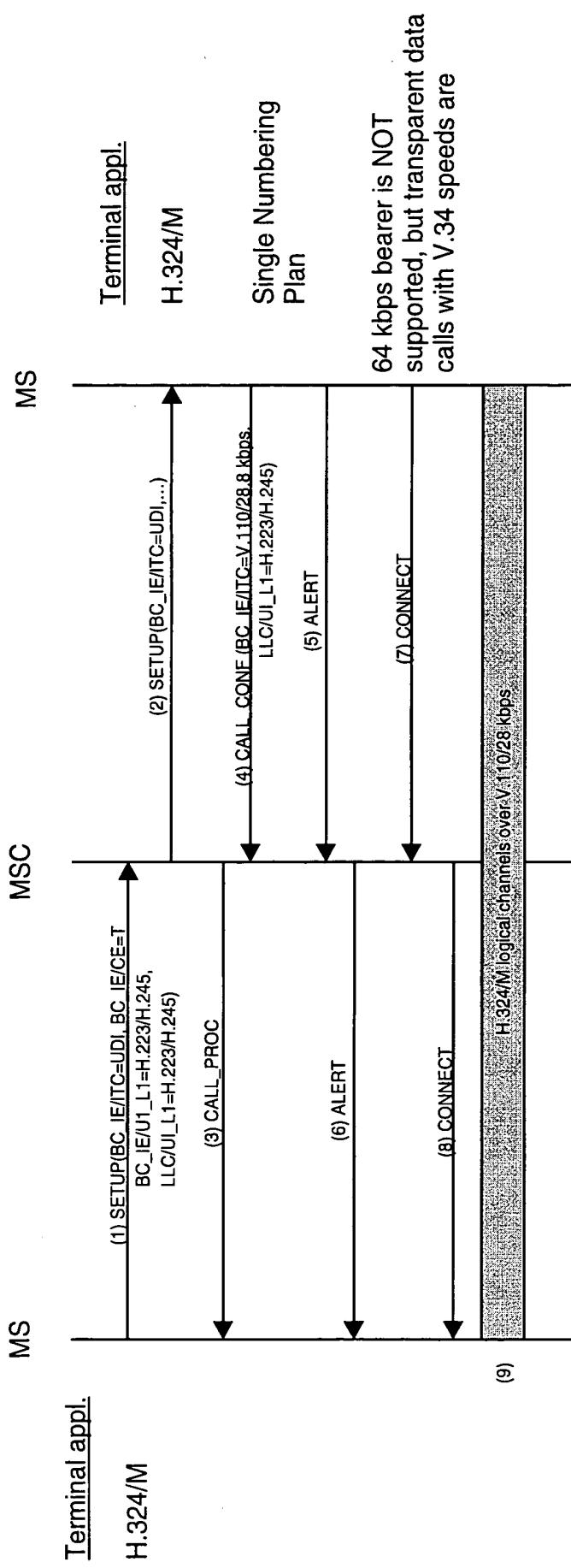


FIGURE 21

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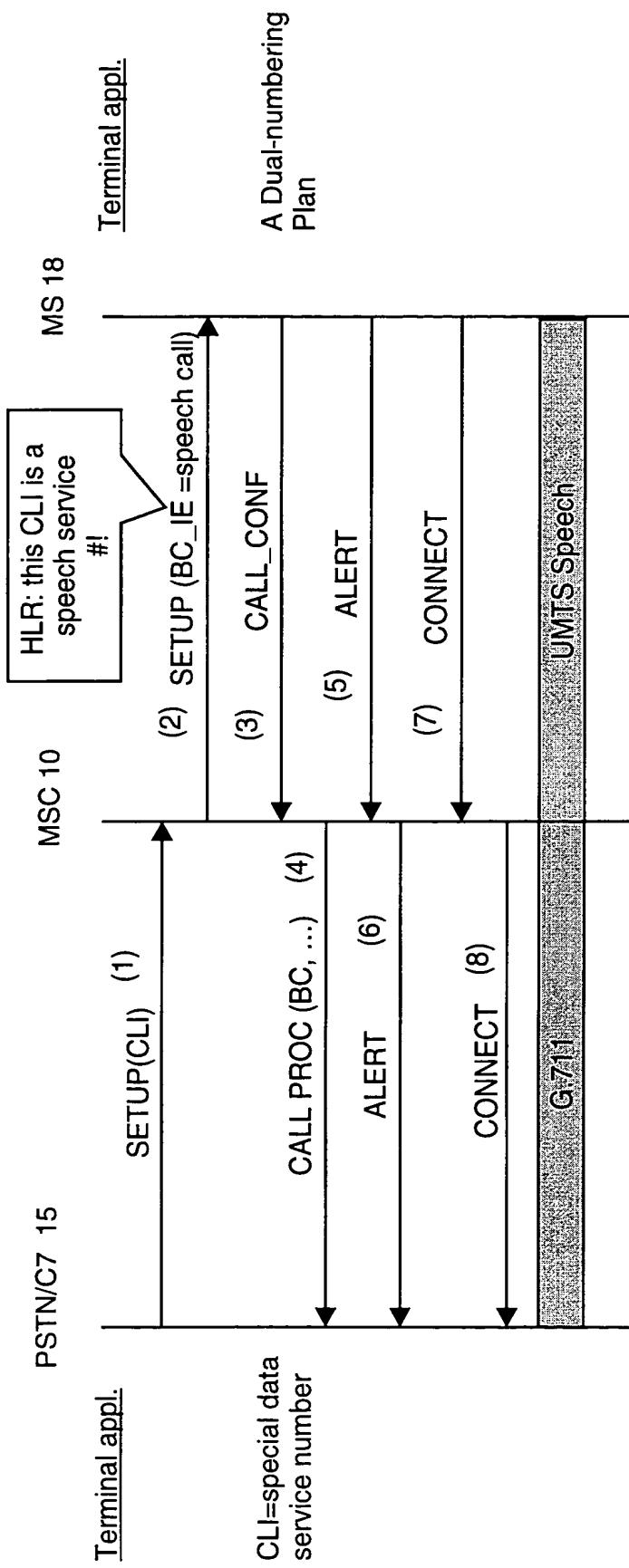


FIGURE 22

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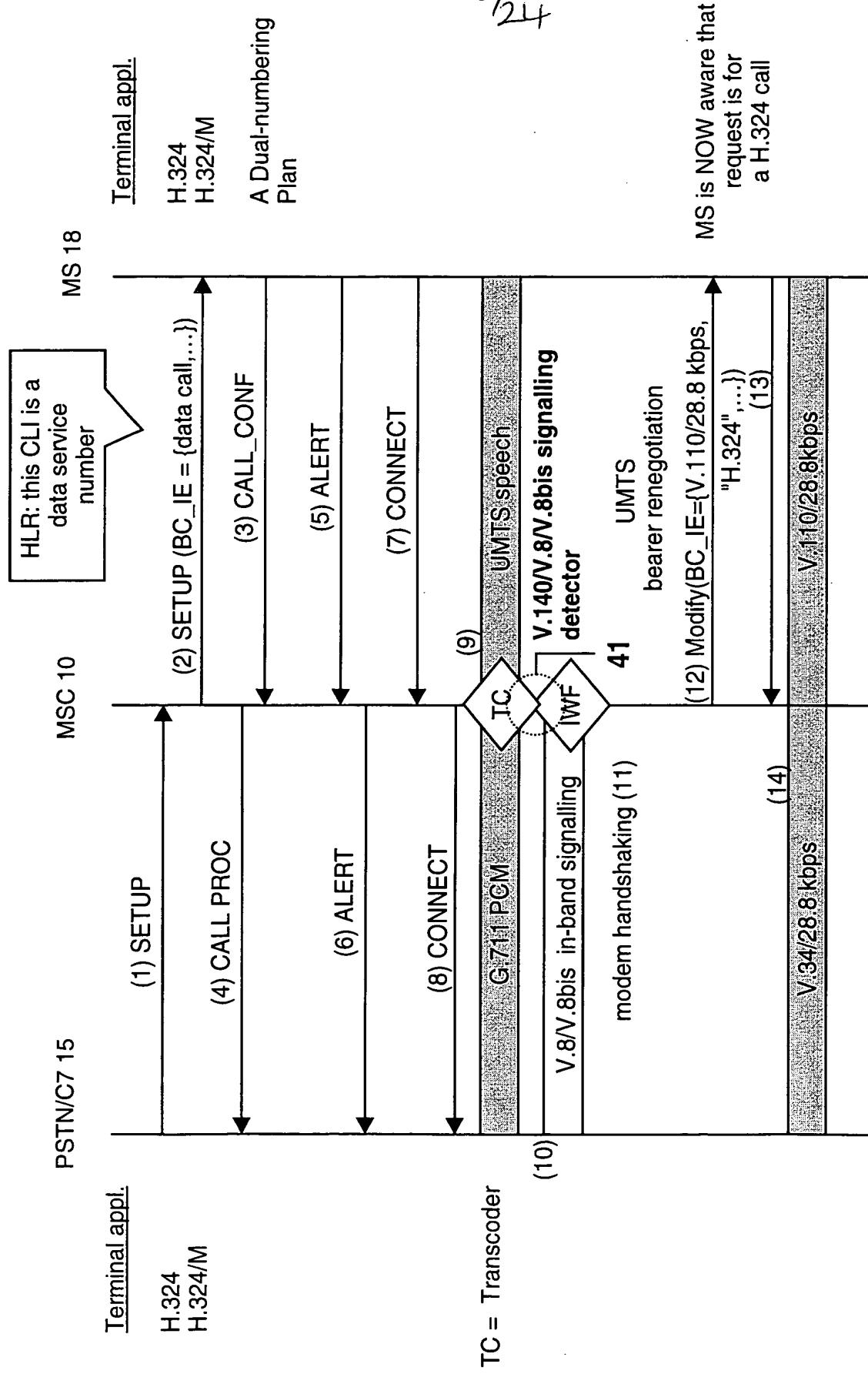


FIGURE 23

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V.8		UMTS Bearer Capability Bearer Capability Information Element Transfer mode (octet 3) Circuit mode (Bit 4)
100	Call function category (Octet – "callf0") PSTN Multimedia Terminal (Bits 567)	0
1	Modulation modes category (Octet – "modn0") V.34 duplex availability (Bit 6)	1 1
V.25ter		0 0
+MCR: V34	Modulation control commands Modulation reporting control (+MR)	0
+MRR: 28800	+MCR: <carrier> +MRR: <rate>	00100 00100
V.8bis		1 1 1 1 1
1	Standard information field - {SPar(1)} coding Standard information field – Data {NPar(2)} coding (Octet 2) Rec. V.34 duplex mode (Bit 5)	Bearer Capability Information Element Acceptable channel codings (octet 6e) TCH/F14.4 acceptable (Bit 7)
1	Standard information field - {SPar(1)} coding Standard information field – H.324 multimedia terminal {NPar(2)} coding Video (Bit 1)	Bearer Capability Information Element Acceptable channel codings (octet 6e) TCH/F9.6 acceptable (Bit 5)
1	Standard information field - {SPar(1)} coding Standard information field – H.324 multimedia terminal {NPar(2)} coding Audio (Bit 2)	Bearer Capability Information Element Acceptable channel codings (octet 6e) TCH/F4.8 acceptable (Bit 4)
		001 00 10
		Bearer Capability Information Element Maximum number of traffic channels (octet 6e) 2 TCH (Bits 321)
		Bearer Capability Information Element Connection element (octet 6c) Transparent (Bits 76)
		Bearer Capability Information Element Other modem type (octet 6d) V.34 (Bits 76)
		High Layer Compatibility
		High Layer Compatibility Information Element High layer characteristics identification (octet 4)
		1100001 PSTN Multimedia Terminal (Bits 7654321)

Figure 24